

What Is Claimed Is:

1. A support element for the mutual support of a fuel injector (1) in a valve receptacle, in particular the valve receptacle of a cylinder head (12) of an internal combustion engine, and of the fuel injector (1) against a fuel distribution line (2), wherein the support element (3) has a clamp (8) and clips (11) and brackets (18) provided thereon.
2. The support element as recited in Claim 1, wherein the brackets (18) rest against a shoulder (10) of the fuel distribution line (2).
3. The support element as recited in Claim 1 or 2, wherein the clips (11) rest against a shoulder (9) of the fuel injector (1).
4. The support element as recited in Claim 1, wherein the brackets (18) rest against a shoulder (9) of the fuel injector (1).
5. The support element as recited in Claim 4, wherein the clips (11) rest against a shoulder (10) of the fuel distribution line (2).
6. The support element as recited in one of Claims 1 through 5, wherein the number of brackets (18) is two.
7. The support element as recited in one of Claims 1 through 6, wherein the number of clips (11) is at least two.
8. The support element as recited in Claim 7, wherein the clips (11) grasp the fuel injector (1).

9. The support element as recited in one of Claims 1 through 6,
wherein the number of clips (11) is three.
10. The support element as recited in Claim 9,
wherein the three clips (11) have the same shape.
11. The support element as recited in Claim 10,
wherein the three clips (11) have a plurality of curves.
12. The support element as recited in Claim 9,
wherein the clips (11) have different shapes.
13. The support element as recited in Claim 9,
wherein two of the three clips (11) have the same shape.
14. The support element as recited in Claim 12 or 13,
wherein at least one of the three clips (11) is designed as a tongue-shaped clip (11b).
15. The support element as recited in one of Claims 12 through 14,
wherein at least one of the three clips (11) is onion-shaped (11a).
16. The support element as recited in Claim 15,
wherein the onion-shaped clip (11a) has a hole (17).
17. The support element as recited in one of Claims 1 through 16,
wherein the clamp (8) has a slit (15) in the area of an electrical connector (7) of the fuel injector (1).
18. The support element as recited in one of Claims 1 through 17,
wherein the clamp (8) is made of stamped spring steel.

19. The support element as recited in one of Claims 1 through 18,
wherein the clamp (8) has edges (16) which are folded radially inward and rest against the fuel injector (1).
20. The support element as recited in one of Claims 1 through 19,
wherein the support element (3) has a rectangular, in particular quadrangular, cross section.
21. The support element as recited in one of Claims 1 through 20,
wherein the fuel injector (1) is braced against the fuel distribution line (2) via the support element (3).
22. The support element as recited in one of Claims 1 through 21,
wherein the support element (3) is guided through the cylinder head (12) of the internal combustion engine.